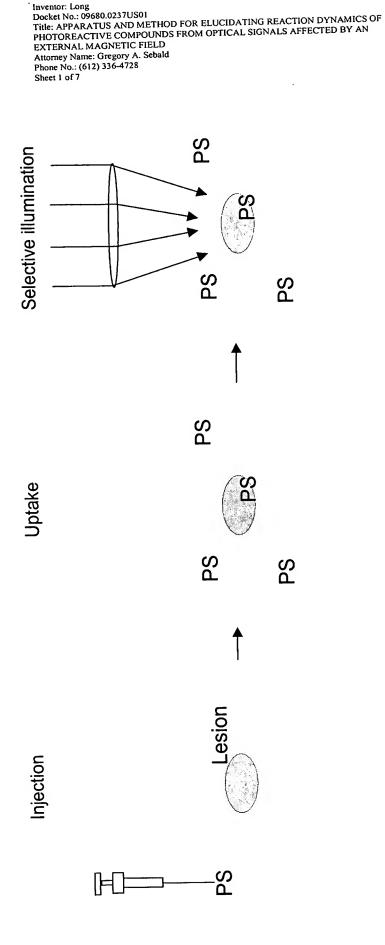
Figure 1



(10)

(11)

(13)

ჯ +

1PS

1[PS--S-+]

1PS + S

3[PS-S-+]

(14)

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SH

3**P**S*

(16)

 $^{1}PS + ^{3}O_{2}^{-}$

1PS

HPS: $+ 30_2$

 $^{3}PS^{-} + ^{3}O_{2}$

(15)

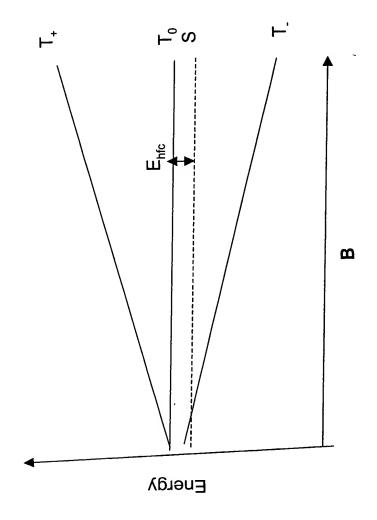
3PS- + SH⁺

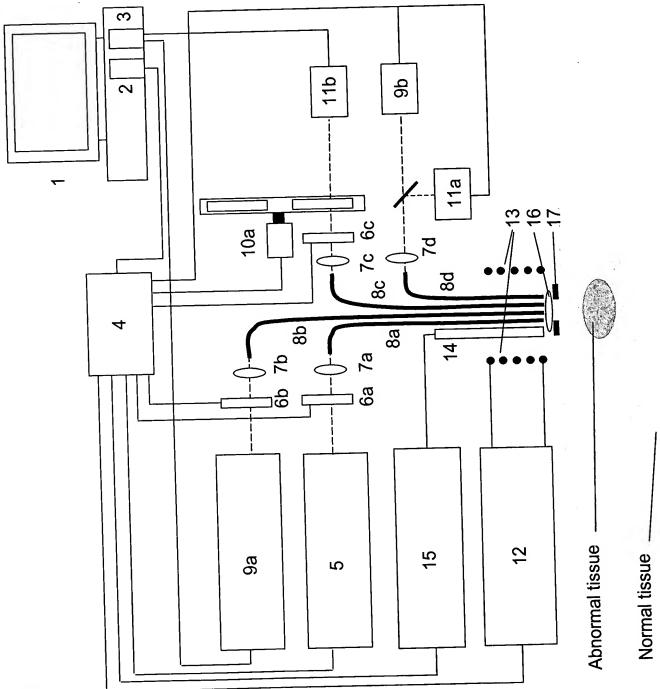
3PS* + SH

C	7
(ט
	<u> </u>
:	<u> </u>

		3[PS-S-t]	1[PS-S-+]	[PS D-] + S	[PS- A-] + S
(1) (2) (4)	Type I			$\bigcup_{i=1}^{n}$	
1PS* 1PS + hv _F 3PS* 1PS + hv _P		3pS* + S	3[PS S-+]	[PSS-] + D	[PS-S-] + A
		(2)	(9)] (2)	
1PS + hv _E 1PS* 1PS*		¹ PS + ¹ O ₂	8(0)	PS(0)	
	Type II				
igure 2		3PS* + 3O ₂	10 ₂ + S	$ 10_2 + 1PS $	

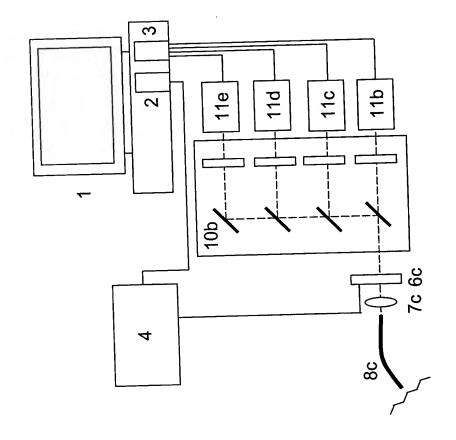
Inventor: Long
Docket No.: 09680.0237US01
Title: APPARATUS AND METHOD FOR ELUCIDATING REACTION DYNAMICS OF
PHOTOREACTIVE COMPOUNDS FROM OPTICAL SIGNALS AFFECTED BY AN
EXTERNAL MAGNETIC FIELD
Attorney Name: Gregory A. Sebald
Phone No.: (612) 336-4728
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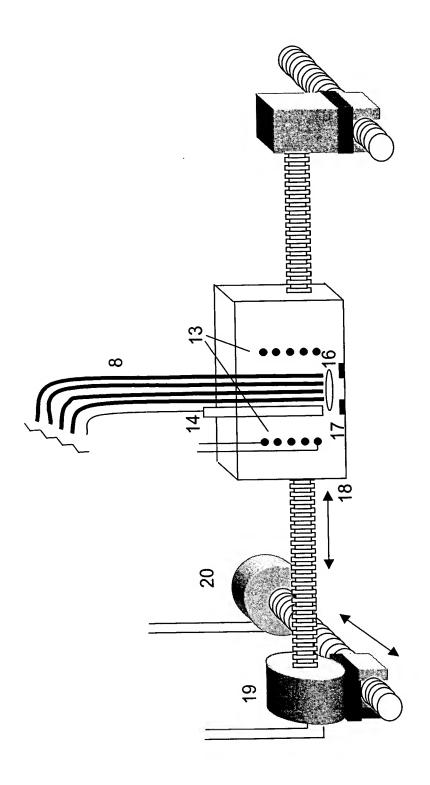


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